

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-021449**Date Inspected:** 02-Mar-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Li yan hua**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Components**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, S.Chandrakumar was present during the times noted above for observations relative to the work being performed.

BAY#19

SMAW welding of tack weld is identified as 2F-004/005,032/033 of SA6029 for Cable bracket SA6029. The welder is identified as 259629. ZPMC QC is identified as Mr.Guo xing hui. The welding variables recorded by QC are appeared to comply with the WPS-B-P-2112.

SMAW welding of tack weld is identified as 2F-054/055,063/064 of SA6031 for Cable bracket SA6029. The welder is identified as 062812. ZPMC QC is identified as Mr.Guo xing hui. The welding variables recorded by QC are appeared to comply with the WPS-B-P-2112.

ZPMC personnel performing Heat straightening of Bike path bottom cover plate is in progress as per approved HSR1 (B)-9501 dated on 10-01-2010 of BK004A-013 is in progress.

Cutting and beveling of Cable brackets for Lift 12 components like web plate is identified as X6039B for SA6030 is in progress as per approved shop drawing SA6030 and approved WD77.

ZPMC personnel start fit-up of cable bracket for Lift 12 (PP112, 114,116) centre plates to stiffener plates is in progress as per approved drawing.

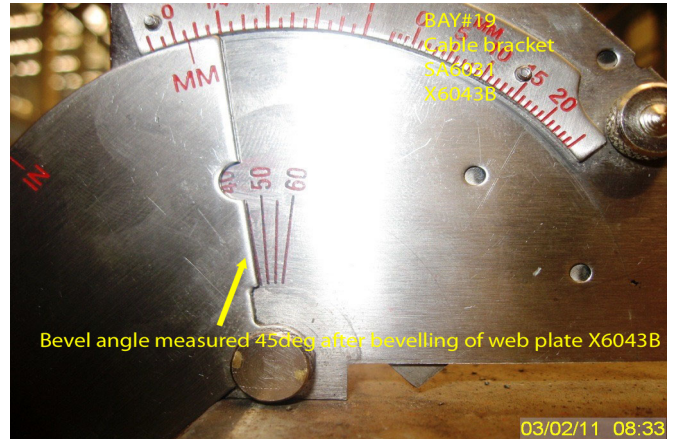
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ZPMC personnel performing distortion correction work on suspender bracket Edge plate is ongoing as per approved CWR2779 approved on 03-01-2011.

Dimensional inspection of cable bracket SA6031 component like web plate bevel angle and rat hole radius etc checked is appeared to comply with approved drawing and WD. See attached photos for more information.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.



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Summary of Conversations:

No relevant Conversation.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang-15--0042-2372, who represents the Office of Structural Materials for your project.

Inspected By:	Kumar,Chadra	Quality Assurance Inspector
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Reviewed By:	Patel,Hiranch	QA Reviewer
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